

25X1A

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

TOP SECRET

No. Pages 13

Copy No. 10

Preliminary Report

EDD
RS.
RP
KB
WC
DB
NL
PA
RG

U-2 Reconnaissance Missions C045C, C055C, and C065C Flown 19-24 February 1965

DST-PR
17 March 1965



DIRECTORATE OF SCIENCE AND TECHNOLOGY

Handle via indicated controls

TOP SECRET

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

NSA review(s) completed.

25X1A

WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793, 794 and 798. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to the [] and [] Controls. No action is to be taken on any [] [] which may be contained herein, regardless of the advantage to be gained, if such action might have the effect of revealing the existence and nature of the source, unless such action is first approved by the appropriate authority.

GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

TOP SECRET [REDACTED]

25X1A

25X1

Preliminary Report

U-2 RECONNAISSANCE MISSIONS
C045C, C055C, and C065C
flown 19-24 February 1965

[REDACTED]
17 March 1965

CENTRAL INTELLIGENCE AGENCY
Directorate of Science and Technology

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

25X1A

25X1
25X1

PREFACE

This preliminary technical evaluation of three U-2 reconnaissance missions flown over parts of south China, North Vietnam, and Laos 19 through 24 February 1965 was developed for the 303 Committee by the following elements of the Directorate of Science and Technology:

Office of Scientific Intelligence
Office of Special Activities

[REDACTED]

The evaluations are based on information and data provided by:

[REDACTED]
National Photographic Interpretation Center, DD/I
67th Technical Reconnaissance Squadron, Yokota, Japan

[REDACTED]

Graphics support has been provided by the Office of Research and Reports of the Directorate of Intelligence.

TOP SECRET [REDACTED]

25X1

TOP SECRET

25X1A

25X1

CONTENTS

	<u>Page</u>
PREFACE	ii
SUMMARY	1
BACKGROUND	1
ANALYTICAL FINDINGS	2
Mission C045C	2
Air defense reactions	2
Elint analysis	3
Photography	4
Mission C055C	5
Air defense reactions	5
Elint analysis	5
Photography	6
Mission C065C	7
Air defense reactions	7
Elint analysis	7
Photography	8

TOP SECRET

25X1

TOP SECRET [REDACTED]

25X1A

25X1
25X1

U-2 RECONNAISSANCE MISSIONS
C045, C055C, and C065C
flown 19-24 February 1965

SUMMARY

This series of three U-2 reconnaissance missions was flown over parts of southwest China and southeast Asia to provide up-to-date photographic coverage of priority COMOR targets. The first of these missions on 19 February operated [REDACTED] while the remaining two flights on 22 and 24 February operated from [REDACTED] All

25X1C

25X1D

[REDACTED]

[REDACTED] Composite photographic coverage obtained from these high altitude missions included a total of 140 targets covered in near cloud-free photography. These included 38 COMOR targets in southern China. Of interest was the coverage of two major operational jet fighter airfields in southwest China and the identification of two new major airfields under construction.

BACKGROUND

The three missions included in this report were flown on 19, 22, and 24 February 1965 primarily to cover COMOR targets in south China. The flights were planned to cover first and second priority targets which had no coverage for the past 3-6 months or earlier and three first priority targets which had earlier coverage in 1965.

- 1 -

TOP SECRET [REDACTED]

25X1
25X1

TOP SECRET [REDACTED]

25X1A [REDACTED]

25X1
25X1
25X1

Mission C045C departed [REDACTED] on 19 February 1965 and landed at [REDACTED] after covering 17 COMOR targets. Mission C055C, operating [REDACTED] on 22 February, was programmed to cover 26 remaining targets in the area. The camera malfunctioned shortly after penetration of Communist China, and the pilot aborted the mission; he returned to [REDACTED] having covered only 4 COMOR targets on the mission. Mission C065C, operating from [REDACTED] on 24 February, was scheduled to cover the 18 targets missed on Mission C055C. All but one of these targets were covered.

25X1

25X1

25X1

Excellent weather conditions were reported and no incidents occurred except the camera malfunction on Mission C055C. All three mis-

25X1D

ANALYTICAL FINDINGS

Mission C045C
19 February 1965

AIR DEFENSE REACTIONS

25X1

- 2 -

TOP SECRET [REDACTED]

25X1

25X1

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

Next 1 Page(s) In Document Exempt

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

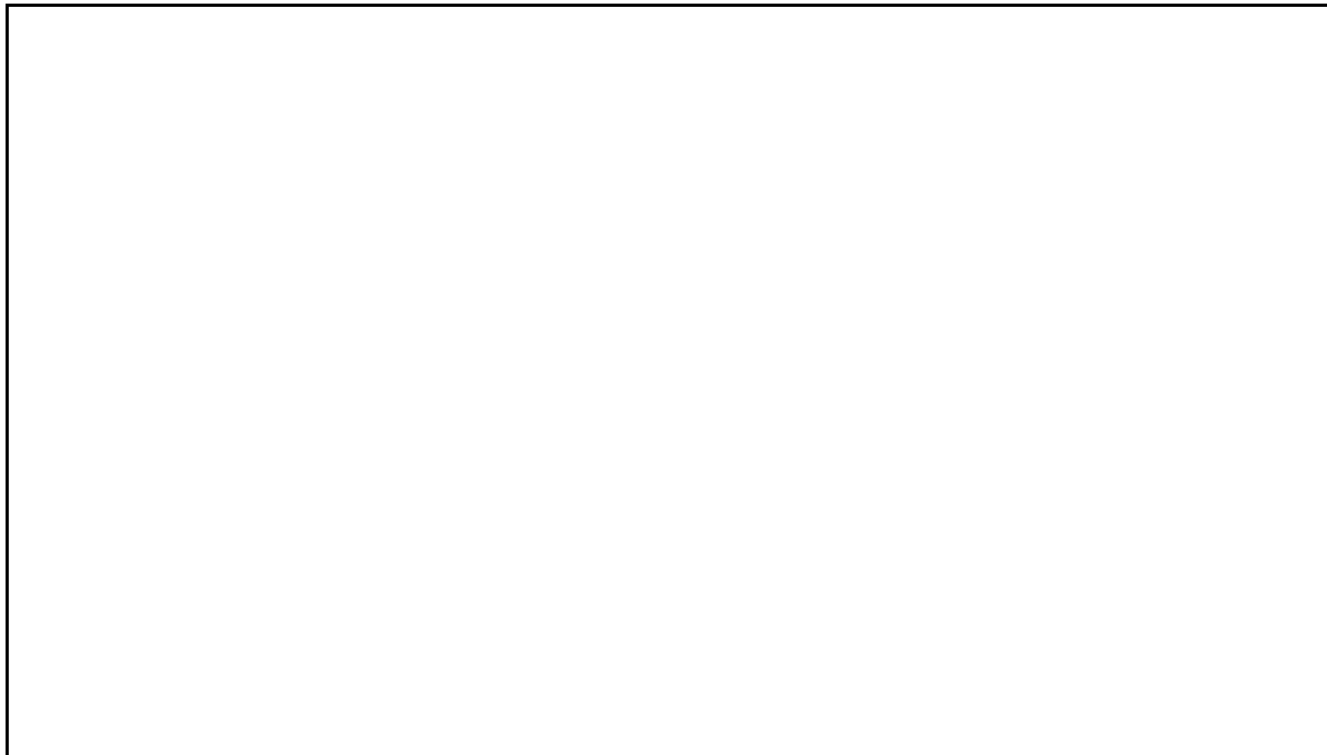
TOP SECRET [REDACTED]

25X1A

25X1

25X1

25X1D



PHOTOGRAPHY

This mission covered a number of important targets in south China and northern Laos. A total of 55 targets, including 17 priority COMOR targets in south China, were reported in the preliminary interpretation report. All but three of these appeared in cloud-free photography. All targets in North Vietnam except one, a military area at Ha Giang, were under heavy cloud cover. Nine airfields, 2 naval bases, 18 military areas, 2 route areas, and 4 urban complexes were covered in south China, while 7 airfields, 8 military areas and 4 route areas in Laos were covered. A photograph of Ping-Yuan-Chieh airfield is included with this report, as representative of the photography acquired on this mission (see figure 2).

TOP SECRET [REDACTED]

25X1

25X1

25X1D

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

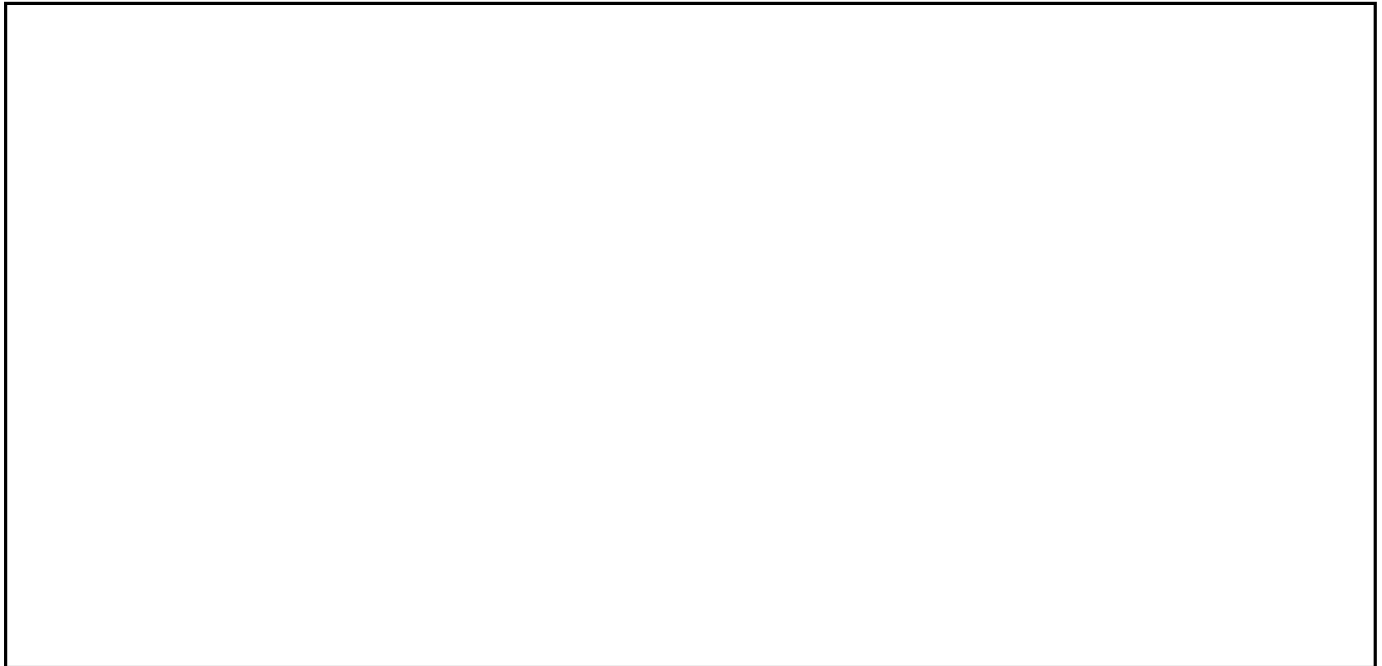
Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

TOP SECRET [REDACTED]

25X1A

25X1

25X1D



PHOTOGRAPHY

Due to a malfunction of the "B" camera shortly after the mission penetrated into south China, only 4 COMOR targets and a small number of other targets were covered by the mission. A total of 19 targets were reported in the preliminary interpretation report. Twenty-two COMOR targets in south China, scheduled for coverage by the mission, were missed due to the abort. Those targets covered included 6 airfields and 7 military installations in Laos and 1 airfield, 1 radar site, and 4 other military areas in China. Overall cloud cover for the portion of the mission covered was approximately five percent.

25X1

25X1

TOP SECRET [REDACTED]

25X1
25X1A

Mission C065C
24 February 1965

AIR DEFENSE REACTIONS

25X1D

Fighter Aircraft Reactions -- There were no indications that fighter aircraft were scrambled in reaction to the mission.

Missile Reactions -- There were no indications of surface-to-air or air-to-air missile threats to the mission.

ELINT ANALYSIS

25X1D

TOP SECRET [REDACTED]

25X1
25X1

TOP SECRET [REDACTED]

25X1A

25X1

PHOTOGRAPHY

The weather over the mainland was better than forecast during the pre-mission briefing. A total of 66 targets in Vietnam, Laos, and China were covered in cloud-free photography. The mission covered 43 COMOR targets including 18 targets not covered by Mission C055C. One COMOR target was not covered due to cloud cover. The targets covered include 22 airfields, 38 military related areas and 6 miscellaneous targets.

A photograph of Kunming airfield is included with this report as representative of the photography acquired by the mission (see figure 3).

TOP SECRET [REDACTED]

25X1
25X1

25X1

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

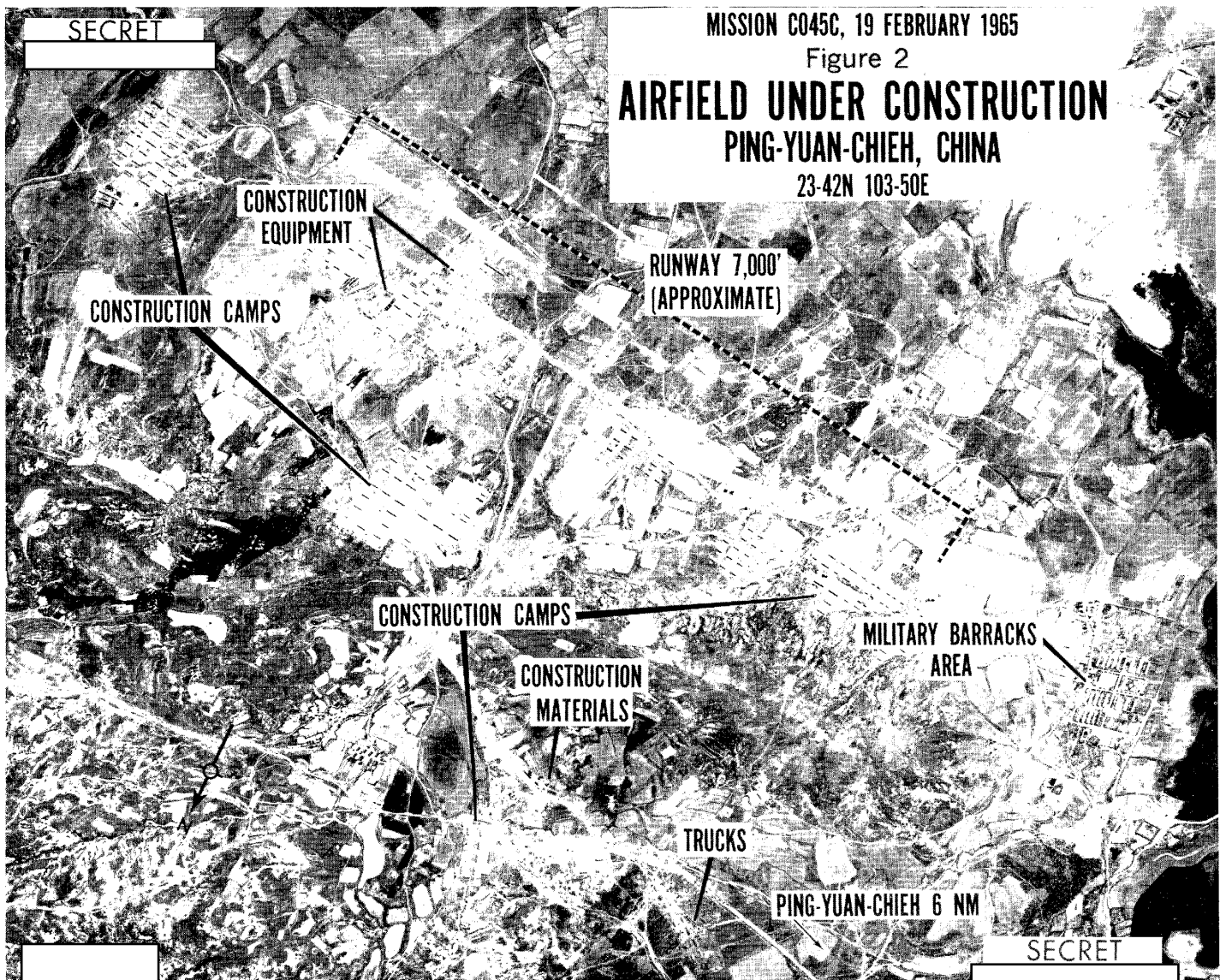
MISSION C045C, 19 FEBRUARY 1965

Figure 2

AIRFIELD UNDER CONSTRUCTION

PING-YUAN-CHIEH, CHINA

23-42N 103-50E



SECRET

FRAME R 1445

MISSION C065C, 24 FEBRUARY 1965

Figure 3

FARMER (MIG-19)
KUN-MING AIRFIELD, CHINA
24-59N 102-44E

FARMER (MIG-19)

FAGOT/FRESCO

4-GUN LIGHT AAA SITES
OCCUPIED

4-GUN LIGHT AAA SITE
2 POSITIONS OCCUPIED

4-GUN LIGHT AAA SITE
OCCUPIED

RUNWAY 10,650' X 220'

KUN-MING 3.5 NM

AOB

1 FARMER
30 FAGOT/FRESCO
3 CRATE
2 CAB
1 COLT

SECRET

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

TOP SECRET

Approved For Release 2004/12/15 : CIA-RDP66B00597R000100130002-9

TOP SECRET